

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket	Application No.				
		KAW 104	To Be Assigned				
		Applicant					
		Yukio SHAKUDA, Yukio MATSUMOTO and Nobuaki OGURO					
Filing Date	Group Unit						
October 10, 2003	To Be Assigned						
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Trans-lation
	AK						
	AL						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>YSL</i>	AM	Gardner et al., 14x efficiency improvement in transparent-substrate (Al _x Ga _{1-x}) _{0.5} In _{0.5} P light-emitting diodes with thin (\leq 2000Å) active regions; April 12, 1999; Applied Physics Letters; Volume 74 No. 15; p2230-2232					
	AN						
	AO						
	AP						
Examiner				Date Considered	<i>8/4/05</i>		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



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AG							
AH							
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Trans-lation
<i>WEC</i>	AI	2001-185756	07/06/2001	JAPAN			Abstract
↓	AJ	55-91890	07/11/1980	JAPAN			Abstract
↓	AK	02-146779	06/05/1990	JAPAN			Abstract
	AL						
	AM						
	AN						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AO						
Examiner	<i>[Signature]</i>				Date Considered <i>8/4/05</i>		
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